

DETECTION OF SOUND ACTIVITY

ABSTRACT OF THE DISCLOSURE

According to the invention, a method for detecting speech activity for a signal is disclosed. In one step, a plurality of features is extracted from the signal. An active speech probability density function (PDF) of the plurality of features is modeled, and an inactive speech PDF of the plurality of features is modeled. The active and inactive speech PDFs are adapted to respond to changes in the signal over time. The signal is probability-based classified based, at least in part, on the plurality of features. Speech in the signal is distinguished based, at least in part, upon the probability-based classification.

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